

# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/579,581  
Source: 1FWP  
Date Processed by STIC: 4/6/07

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 04/06/2007

PATENT APPLICATION: US/10/579,581

TIME: 09:06:07

Input Set : A:\10\_579581.ST25.txt

Output Set: N:\CRF4\04062007\J579581.raw

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3 <110> APPLICANT: University of Ulster
5 <120> TITLE OF INVENTION: Insulin Releasing Peptides
7 <130> FILE REFERENCE: U0003/7017
9 <140> CURRENT APPLICATION NUMBER: US 10/579,581
10 <141> CURRENT FILING DATE: 2006-05-17
12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/013693
13 <151> PRIOR FILING DATE: 2004-11-17
15 <150> PRIOR APPLICATION NUMBER: GB0326720.0
16 <151> PRIOR FILING DATE: 2003-11-17
18 <160> NUMBER OF SEQ ID NOS: 25
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 13
24 <212> TYPE: PRT
25 <213> ORGANISM: Agalychnis calcarifer
27 <400> SEQUENCE: 1
29 Arg Arg Lys Pro Leu Phe Pro Phe Ile Pro Arg Pro Lys
30 1          5          10
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 12
35 <212> TYPE: PRT
36 <213> ORGANISM: Agalychnis litodryas
38 <400> SEQUENCE: 2
40 Met Leu Ala Asp Val Phe Glu Lys Ile Met Gly Asp
41 1          5          10
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 28
46 <212> TYPE: PRT
47 <213> ORGANISM: Agalychnis litodryas
49 <400> SEQUENCE: 3
51 Ala Val Trp Lys Asp Phe Leu Lys Asn Ile Gly Lys Ala Ala Gly Lys
52 1          5          10          15
55 Ala Val Leu Asn Ser Val Thr Asp Met Val Asn Glu
56          20          25
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 13
61 <212> TYPE: PRT
62 <213> ORGANISM: Bombina variegata
64 <400> SEQUENCE: 4
66 Gln Arg Leu Gly His Gln Trp Ala Val Gly His Leu Met
67 1          5          10
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 13

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72 <212> TYPE: PRT
73 <213> ORGANISM: Bombina variegata
75 <400> SEQUENCE: 5
77 Asp Ser Phe Gly Asn Gln Trp Ala Arg Gly His Phe Met
78 1          5          10
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 14
83 <212> TYPE: PRT
84 <213> ORGANISM: Bombina variegata
86 <400> SEQUENCE: 6
88 Gly Lys Pro Phe Tyr Pro Pro Pro Ile Tyr Pro Glu Asp Met
89 1          5          10
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 21
94 <212> TYPE: PRT
95 <213> ORGANISM: Bombina variegata
97 <400> SEQUENCE: 7
99 Ile Tyr Asn Ala Ile Cys Pro Cys Lys His Cys Asn Lys Cys Lys Pro
100 1          5          10          15
103 Gly Leu Leu Ala Asn
104          20
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 13
109 <212> TYPE: PRT
110 <213> ORGANISM: Phyllomedusa trinitatis
113 <220> FEATURE:
114 <221> NAME/KEY: misc_feature
115 <222> LOCATION: (1)..(2)
116 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
118 <400> SEQUENCE: 8
W--> 120 Xaa Xaa Pro Leu Ala Pro Phe Phe Gln Ala Val Phe Lys
121 1          5          10
124 <210> SEQ ID NO: 9
125 <211> LENGTH: 28
126 <212> TYPE: PRT
127 <213> ORGANISM: Phyllomedusa trinitatis
129 <400> SEQUENCE: 9
131 Ala Leu Trp Lys Asp Ile Leu Lys Asn Val Gly Lys Ala Ala Gly Lys
132 1          5          10          15
135 Ala Val Leu Asn Thr Val Thr Asp Met Val Asn Gln
136          20          25
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 27
141 <212> TYPE: PRT
142 <213> ORGANISM: Rana palustris
144 <400> SEQUENCE: 10
146 Ala Leu Ser Ile Leu Arg Gly Leu Glu Lys Leu Ala Lys Met Gly Ile
147 1          5          10          15
150 Ala Leu Thr Asn Cys Lys Ala Thr Lys Lys Cys

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151          20          25
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 24
156 <212> TYPE: PRT
157 <213> ORGANISM: Rana pipiens
159 <400> SEQUENCE: 11
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162 1          5          10          15
165 Phe Cys Ala Ile Ser Lys Lys Cys
166          20
169 <210> SEQ ID NO: 12
170 <211> LENGTH: 19
171 <212> TYPE: PRT
172 <213> ORGANISM: Rana saharica
174 <400> SEQUENCE: 12
176 Lys Gly Ala Ala Lys Gly Leu Leu Glu Val Ala Ser Cys Lys Leu Ser
177 1          5          10          15
180 Lys Ser Cys
184 <210> SEQ ID NO: 13
185 <211> LENGTH: 46
186 <212> TYPE: PRT
187 <213> ORGANISM: Rana saharica
189 <400> SEQUENCE: 13
191 Gly Ile Phe Ser Lys Phe Gly Arg Lys Lys Ile Lys Asn Leu Leu Ile
192 1          5          10          15
195 Ser Gly Leu Lys Asn Val Gly Lys Glu Val Gly Met Asp Val Val Arg
196          20          25          30
199 Thr Gly Ile Asp Ile Ala Gly Cys Lys Ile Lys Gly Glu Cys
200          35          40          45
203 <210> SEQ ID NO: 14
204 <211> LENGTH: 46
205 <212> TYPE: PRT
206 <213> ORGANISM: Rana saharica
208 <400> SEQUENCE: 14
210 Gly Ile Phe Ser Lys Leu Ala Gly Lys Lys Leu Lys Asn Leu Leu Ile
211 1          5          10          15
214 Ser Gly Leu Lys Asn Val Gly Lys Glu Val Gly Met Asp Val Val Arg
215          20          25          30
218 Thr Gly Ile Asp Ile Ala Gly Cys Lys Ile Lys Gly Glu Cys
219          35          40          45
222 <210> SEQ ID NO: 15
223 <211> LENGTH: 33
224 <212> TYPE: PRT
225 <213> ORGANISM: Rana saharica
227 <400> SEQUENCE: 15
229 Gly Ile Leu Ser Thr Ile Lys Asp Phe Ala Ile Lys Ala Gly Lys Gly
230 1          5          10          15
233 Ala Ala Lys Gly Leu Leu Glu Met Ala Ser Cys Lys Leu Ser Gly Gln
234          20          25          30

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Input Set : A:\10\_579581.ST25.txt

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237 Cys  
 240 <210> SEQ ID NO: 16  
 241 <211> LENGTH: 34  
 242 <212> TYPE: PRT  
 243 <213> ORGANISM: Rana saharica  
 245 <400> SEQUENCE: 16  
 247 Gly Ile Leu Leu Asp Lys Leu Lys Asn Phe Ala Lys Thr Ala Gly Lys  
 248 1 5 10 15  
 251 Gly Val Leu Gln Ser Leu Leu Asn Thr Ala Ser Cys Lys Leu Ser Gly  
 252 20 25 30  
 255 Gln Cys  
 258 <210> SEQ ID NO: 17  
 259 <211> LENGTH: 24  
 260 <212> TYPE: PRT  
 261 <213> ORGANISM: Rana saharica  
 263 <400> SEQUENCE: 17  
 265 Phe Leu Pro Leu Leu Ala Gly Leu Ala Ala Asn Phe Leu Pro Lys Ile  
 266 1 5 10 15  
 269 Phe Cys Lys Ile Thr Arg Lys Cys  
 270 20  
 273 <210> SEQ ID NO: 18  
 274 <211> LENGTH: 24  
 275 <212> TYPE: PRT  
 276 <213> ORGANISM: Rana saharica  
 278 <400> SEQUENCE: 18  
 280 Ala Val Ile Thr Gly Ala Cys Glu Arg Asp Val Gln Cys Gly Gly Gly  
 281 1 5 10 15  
 284 Thr Cys Cys Ala Val Ser Leu Ile  
 285 20  
 288 <210> SEQ ID NO: 19  
 289 <211> LENGTH: 23  
 290 <212> TYPE: PRT  
 291 <213> ORGANISM: Agalychnis litodryas  
 293 <400> SEQUENCE: 19  
 295 Ala Trp Lys Asp Leu Lys Asn Gly Lys Ala Ala Gly Lys Ala Val Leu  
 296 1 5 10 15  
 299 Asn Val Thr Asp Met Val Asn  
 300 20  
 303 <210> SEQ ID NO: 20  
 304 <211> LENGTH: 11  
 305 <212> TYPE: PRT  
 306 <213> ORGANISM: Rana saharica  
 308 <400> SEQUENCE: 20  
 309 Lys Gly Leu Leu Ala Ser Cys Lys Leu Ser Cys  
 310 1 5 10  
 313 <210> SEQ ID NO: 21  
 314 <211> LENGTH: 15  
 315 <212> TYPE: PRT  
 316 <213> ORGANISM: Rana spp.

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Input Set : A:\10\_579581.ST25.txt

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318 <400> SEQUENCE: 21
320 Phe Leu Pro Ala Gly Ala Ala Pro Lys Ile Phe Cys Ile Lys Cys
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324 <210> SEQ ID NO: 22
325 <211> LENGTH: 42
326 <212> TYPE: PRT
327 <213> ORGANISM: Rana saharica
329 <400> SEQUENCE: 22
330 Gly Ile Phe Ser Lys Lys Lys Lys Asn Leu Leu Ile Ser Gly Leu Lys
331 1          5          10          15
334 Asn Val Gly Lys Glu Val Gly Met Asp Val Val Arg Thr Gly Ile Asp
335          20          25          30
338 Ile Ala Gly Cys Lys Ile Lys Gly Glu Cys
339          35          40
342 <210> SEQ ID NO: 23
343 <211> LENGTH: 7
344 <212> TYPE: PRT
345 <213> ORGANISM: Bombina variegata
347 <400> SEQUENCE: 23
348 Gly Gln Trp Ala Gly His Met
349 1          5
352 <210> SEQ ID NO: 24
353 <211> LENGTH: 22
354 <212> TYPE: PRT
355 <213> ORGANISM: Rana saharica
358 <400> SEQUENCE: 24
359 Gly Ile Leu Leu Lys Phe Ala Ala Gly Lys Gly Leu Leu Ala Ser Cys
360 1          5          10          15
362 Lys Leu Ser Gly Gln Cys
363          20
366 <210> SEQ ID NO: 25
367 <211> LENGTH: 13
368 <212> TYPE: PRT
369 <213> ORGANISM: Bombina variegata
371 <400> SEQUENCE: 25
372 Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met
373 1          5          10

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 04/06/2007  
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Input Set : A:\10\_579581.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; Xaa Pos. 1,2

VERIFICATION SUMMARY

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Input Set : A:\10\_579581.ST25.txt

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L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0